

Name _____ Period _____

College Prep Chemistry of the Earth System

Assignment 2A – Basics of Energy

20 Points

Answer the following questions based on the video and in class instruction.

What is Energy? (<i>general definition</i>)		How does energy of two objects interact when the objects collide? (<i>in general</i>)	
Define Kinetic Energy (<i>KE</i>)		Define Potential Energy (<i>PE</i>)	
Equation for KE		Equation for PE	
Sign of KE (+ <i>or</i> -)		Sign of PE (+ <i>or</i> -)	
How does energy transfer from one object to another? (<i>Transfer and Sign</i>)		What is the energy of two objects after a collision where they hit and stick together?	